ALLINI OUUTEIMIIUN IIIEMII

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		f Transmiltal of International Search Report 20) as well as, where applicable, item 5 below.
1132WOORD01	ACTION (FULL FOLL)	20) as well as, where applicable, fall o serve.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/EP 03/08967	13/08/2003	17/08/2002
Applicant		
ALTANA PHARMA AG		
This international Search Report has bee according to Article 18. A copy is being to	n prepared by this International Searching Auth ansmitted to the International Bureau.	nority and is transmitted to the applicant
This International Search Report consists It is also accompanied by	of a total of6 sheets. a copy of each prior art document cited in this	report.
Basis of the report		
 With regard to the language, the language in which it was filed, un 	international search was carried out on the bas less otherwise indicated under this item.	sis of the international application in the
the international search v Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of t	he international application furnished to this
	nd/or amino acid sequence disclosed in the in e sequence listing :	ternational application, the international search
contained in the internation	onal application in written form.	
filed together with the inte	emational application in computer readable for	n.
furnished subsequently to	this Authority in written form.	
furnished subsequently to	o this Authority in computer readble form.	
the statement that the su international application a	bsequently furnished written sequence listing d as filed has been furnished.	loes not go beyond the disclosure in the
the statement that the inf furnished	ormation recorded in computer readable form l	s identical to the written sequence listing has been
2. Certain claims were for	ınd unsearchable (See Box I).	
3. Unity of invention is lac	cking (see Box II).	•
4. With regard to the title,		
the text is approved as s	ubmitted by the applicant.	
X the text has been establi	shed by this Authority to read as follows:	
PHENANTHRIDINES WITH	PDB 3/4 INHIBITING ACTIVITY	
5. With regard to the abstract,		
the text is approved as s	ubmitted by the applicant,	
the text has been establi within one month from the	shed, according to Rule 38.2(b), by this Author e date of mailing of this international search re	ity as it appears in Box III. The applicant may, port, submit comments to this Authority.
6. The figure of the drawings to be put	olished with the abstract is Figure No.	
as suggested by the app	licant.	None of the figures.
because the applicant fa	iled to suggest a figure.	
because this figure bette	r characterizes the invention.	

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 CO7D221/12 A61K31/47 A61P11/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 CO7D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data, BIOSIS

Calegory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99 05113 A (BYK GULDEN LOMBERG CHEM FAB;GUTTERER BEATE (DE)) 4 February 1999 (1999-02-04) cited in the application claim 1	1-13
Y	WO 02 06238 A (BYK GULDEN LOMBERG CHEM FAB; GUTTERER BEATE (DE)) 24 January 2002 (2002-01-24) cited in the application claim 1	1-13
Υ	WO 97 28131 A (BYK GULDEN LOMBERG CHEM FAB; GUTTERER BEATE (DE)) 7 August 1997 (1997-08-07) cited in the application claim 1	1-13

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A' document defining the general state of the an which is not consistered to be of particular relevance. E' earlier document but published on or after the international filing date. L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified). O' document referring to an oral disclosure, use, exhibition or other means. P' document published prior to the international filing date but later than the priority date claimed.	 "T" later document published effer the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "8" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
31 October 2003	10/02/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel (451, 70) 340–2040, Tv 31 651 epp pl	Authorized officer

PCT/EP 03/08967

		PCI/EP US	, 00307
.(Continu	ution) DOCUMENTS CONSIDERED TO BE RELEVANT		
alegory *			Relevant to claim No.
1	EP 1 270 577 A (TAKEDA CHEMICAL INDUSTRIES LTD) 2 January 2003 (2003-01-02) see compound150, page 157	Ť	1-13
A	EP 0 490 823 A (SANDOZ LTD ;SANDOZ AG (DE); SANDOZ AG (AT)) 17 June 1992 (1992-06-17) claim 1		1-13
Ρ,Υ	WO 02 066476 A (BYK GULDEN LOMBERG CHEM FAB ;FLOCKERZI DIETER (DE)) 29 August 2002 (2002-08-29) claim 1		1–13
	·		
	·		
	:		

PCT/EP 03/08967

				TCI/EI	03/0090/
Patent document cited in search report	-	Publication date	,4	Patent family member(s)	Publication date
₩0 9905113	Α	04-02-1999	AT	228507 T	15-12-2002
NO 3300113	,,	0. 02 1575	AU	756349 B2	09-01-2003
			AU	9154698 A	16-02-1999
			DE	69809754 D1	09-01-2003
			DE	69809754 T2	18-09-2003
			DK	1000035 T3	17-03-2003
			EE	200000032 A	16-10-2000
			MO	9905113 A1 1000035 A1	04-02-1999 17-05-2000
			EP ES	2189235 T3	01-07-2003
			HU	0003311 A2	28-03-2001
			JP	2001510827 T	07-08-2001
			ΡĹ	338452 A1	06-11-2000
			PT	1000035 T	30-04-2003
			US	6121279 A	19-09-2000
WO 0206238	Α	24-01-2002	AU	6758901 A	30-01-2002
			WO	0206238 A1	24-01-2002
WO 9728131	Α	07-08-1997	DE	19603321 A1	07-08-1997
	• •	0, 00 000	ĀT	233735 T	15-03-2003
			AU	707058 B2	01-07-1999
			AU	1719997 A	22-08-1997
			BR	9707233 A	20-07-1999
			CN	1214681 A	21-04-1999
			CZ	9802414 A3	16-12-1998
			DE	59709437 D1	10-04-2003
			DK	882021 T3	23-06-2003 25-12-2000
			EA EE	1205 B1 9800223 A	15-12-1998
			WO	9728131 A1	07-08-1997
	•		EP	0882021 A1	09-12-1998
			HU	9900666 A2	28-06-1999
			IL	125286 A	14-08-2002
			JΡ	2000503996 T	04-04-2000
			NO	983505 A	11-09-1998
			NZ	331374 A	28-01-2000
			PL	328019 A1	04-01-1999
			PT	882021 T	31-07-2003
			SK	102498 A3	10-03-1999
			US	6191138 B1	20-02-2001
EP 1270577	Α	02-01-2003	ΑU	3955001 A	03-10-2001
			CA	2404226 A1	27-09-2001
			EP	1270577 A1	02-01-2003
			MO	0170746 A1	27-09-2001
			JP	2001335579 A	04-12-2001
EP 0490823	Α	17-06-1992	AT	145201 T	15-11-1996
			AU	643575 B2	18-11-1993
			AU	8898591 A 2057524 A1	18-06-1992 14-06-1992
			CA CS	205/524 A1 9103757 A3	17-06-1992
			DE	69123124 D1	19-12-1996
			DE	69123124 T2	15-05-1997
			DK	490823 T3	17-02-1997
	•		٤P	0490823 A1	17-06-1992
			= 1	2000000	

(morr	такоп от раселизтку т	empers	PCT/EP 03/08967		03/08967	
,	Publication		Patent family		Publication	

•

			<u> </u>		
Patent document cited in search report		Publication date	•	Patent family member(s)	Publication date
EP 0490823	A		FI	915844 A	14-06-1992
2. 0.000			GR	3022034 T3	31-03-1997
			HU	61729 A2	01-03-1993
			IE	914325 Al	17-06-1992
			IL	100328 A	08-12-1995
			JP	2042806 C	09-04-1996
			JP	4275276 A	30-09-1992
		•	JP	7064820 B	12-07-1995
			ΜX	9102502 A1	01-06-1992
			NZ	240936 A	27-09-1993
			PL	292738 A1	14-12-1992
			PT	99775 A ,B	30-11-1992
			RU	2060992 C1	27-05-1996
			US	5177085 A	05-01-1993
			ZA	9109858 A	14-06-1993
WO 02066476	Α	29-08-2002	W0	02066476 A1	29-08-2002

.

.